

Sim, Lowman, Ashton & McKay LLP*Barristers & Solicitors*6th Floor, 330 University Avenue
Toronto, Ontario, Canada M5G 1R7**Tel. (416) 595-1155 • Fax (416) 595-1163****Sim & McBurney***Patent & Trade Mark Agents***RECEIVED
CENTRAL FAX CENTER****FEB 12 2007****URGENT****DATE: February 12, 2007****Your Ref:****Our Ref: 3206-276 LAB**

| TO: | FAX # | PHONE # |
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Total Number of Pages (Including This Page): 14**FROM: Dr. Lola A. Bartoszewicz, Ph.D. / 416 849 8420****COMMENTS:**

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PTO/SB/21 (09-06)

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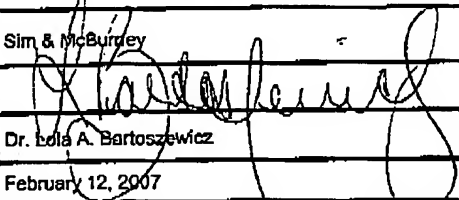
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| | | | |
|---|----------------------|------------------------|--------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/574,018 | |
| | Filing Date | September 29, 2004 | |
| | First Named Inventor | Graham DeLaire | |
| | Art Unit | | |
| | Examiner Name | | |
| Total Number of Pages in This Submission | 13 | Attorney Docket Number | 3206-275 LAB |

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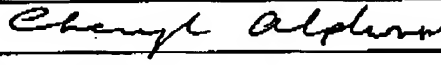
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| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---|----------|-------|
| Firm Name | Sim & McBurney | | |
| Signature |  | | |
| Printed name | Dr. Boris A. Bartoszewicz | | |
| Date | February 12, 2007 | Reg. No. | 43394 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

| | | | |
|-----------------------|---|------|-------------------|
| Signature |  | | |
| Typed or printed name | Cheryl Alphonso | Date | February 12, 2007 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Confirmation No: 9149

Appl. No. : 10/574,018
Applicant : Graham Dellaire
Filed : September 29, 2004
Docket No. : 3206-276 LAB
Customer No. : 24223
For : **METHOD OF IN SITU DETECTION OF PROTEINS USING
APTAMERS**

February 12, 2007

United States Patent and Trademark Office
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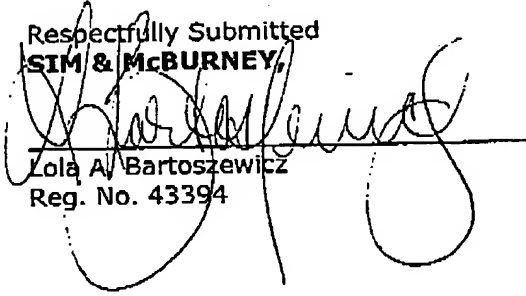
**SUBMITTAL OF SEQUENCE LISTING ON COMPACT DISC
PURSUANT TO 37 CFR § 1.52(e)(3)(ii)**

Dear Sirs:

This is responsive to the "Notification of Defective Response" mailed January 10, 2007, in the above identified patent application.

Pursuant to 37 CFR § 1.52(e)(3)(ii), enclosed please find a compact disc containing the file name sequence listing. The file is 2 kb in size and was created on February 12, 2007. The machine format is IBM-PC. The operating system compatibility is MS Windows XP.

Respectfully Submitted
SIM & McBURNEY,


Lola A. Bartoszewicz
Reg. No. 43394

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6th Floor
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In re: Graham Dellaire et al
Appl. No. 10/574,018
Filed: November 29, 2006
Page 2

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Cheryl Alphonso

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FEB 12 2007

Confirmation No: 9149

Appl. No. : 10/574,018
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February 12, 2007

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**COMPACT DISC TRANSMITTAL SHEET FOR SUBMISSION OF SEQUENCE LISTING TO
THE UNITED STATES RECEIVING OFFICE UNDER PCT ADMINISTRATIVE
INSTRUCTIONS - PART 8**

Dear Sirs:

International Application Data

Applicant: Graham Dellaire
File Reference: 3206-276 LAB
Title: Method of in situ Detection of Protein Using Aptamers

Applicant's Contact Information

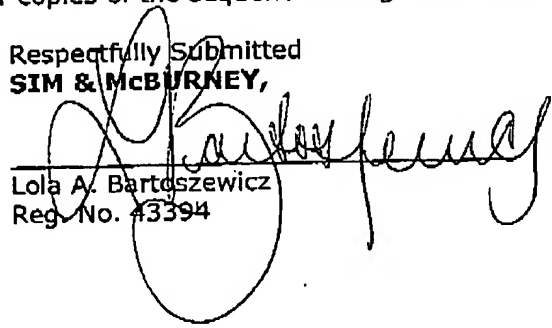
Name of Contact: Dr. Lola A. Bartoszewicz (Agent of Record #43394)
Telephone Number: (416) 849-8420
Facsimile Number: (416) 595-1163

Sequence Listing File

Name of File: Seq Listing for Filing. txt
Size of File: 2kb
Date of File: February 12, 2007

I hereby certify that the four copies of the sequence listing submitted herewith are identical.

Respectfully Submitted
SIM & MCBURNEY,


Lola A. Bartoszewicz
Reg. No. 43394


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Cheryl Alphonso

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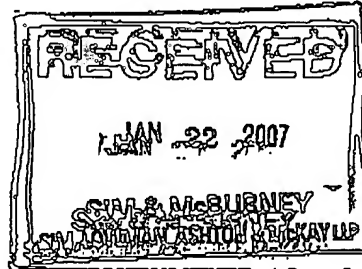


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| | | |
|---|--|----------------------------------|
| U.S. APPLICATION NUMBER NO. 10/574,018 | FIRST NAMED APPLICANT Graham Dellaire | ATTY. DOCKET NO. 3206-276 LAB |
|---|--|----------------------------------|

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| | |
|---|-----------------------------|
| INTERNATIONAL APPLICATION NO. PCT/CA04/01757 | |
| LA. FILING DATE 09/29/2004 | PRIORITY DATE 09/30/2003 |

CONFIRMATION NO. 9149
371 FORMALITIES LETTER
OC000000021909670

Date Mailed: 01/10/2007

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495)

- o Indication of Small Entity Status
- o Priority Document
- o Copy of the International Application filed on 03/29/2006
- o Copy of the International Search Report filed on 03/29/2006
- o Preliminary Amendments filed on 03/29/2006
- o Biochemical Sequence Diskette filed on 12/01/2006
- o Oath or Declaration filed on 12/01/2006
- o Biochemical Sequence Listing filed on 12/01/2006
- o U.S. Basic National Fees filed on 03/29/2006
- o Priority Documents filed on 03/29/2006
- o Power of Attorney filed on 12/01/2006

URGENT

Applicant's response filed 12/01/2006 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 08/02/2006 have not been completed.

- o The paper or compact disc copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e). Applicant must provide a substitute paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application OR a substitute computer readable form (CRF) copy of the "Sequence Listing". These two items must be the same. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- o This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8,

2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/574,018 | PCT/CA04/01757 | 3206-276 LAB |

FORM PCT/DO/EO/916 (371 Formalities Notice)